

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)						Page 1 of 2	
						December 2001	
TO: City Manager, City of Key West P.O. Box 1550, Key West Harbor, FL 33041-1550			FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Key West Harbor, Monroe County, FL 33041-1550			MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Main Ship Channel: from 700 feet south of Red Buoy-2 to Red Buoy-8.	Nov-2001	300-565	3.4	34	33.6	32.9 (1)	32.8 (1)
Cut-A: from Red Buoy-8 to Green Buoy-9.	Nov-2001	300-565	1.1	34	35.2	33.2 (2)	33.0 (2)
Cut-A and Cut-B: from Green Buoy-9 to 200 feet south of Red Buoy-12.	Nov-2001	300-500	0.2	34	36.6	35.5	35.6
Cut-B: from 200 feet south of Red Buoy-12 to Green Buoy-15.	Nov-2001	300-350	1.1	34	34.7	34.8	34.6
Cut-C: from Green Buoy-15 to Green Buoy-23	Nov-2001	300-350	0.9	34	34.0	33.2 (3)	33.6 (3)
Turning Basin adjacent to Cut-C: from Green Buoy-15 to Green Buoy-23.	Nov-2001	300-1600	0.9	34	31.2 (4)	31.7 (4)	32.7 (4)
Cut-C: from Green Buoy-23 to Green Buoy-25.	Nov-2001	300	0.3	30	30.7	30.7	31.3
Inner Turning Basin: from Green Buoy-25 to Green Buoy-29.	Nov-2001	300-2000	0.5	30	24.6 (5)	25.2 (5)	25.4 (5)
Man of War Channel to the Garrison Bight Channel: from Green Buoy-29 at north end Navy Basin to Green Daybeacon-3.	Nov-2001	300	1.3	8	14.4	10.2	9.8
Cut-1 through Cut-3: from Green Daybeacon-3 to Green Daybeacon-13 at north end of Fleming Island.	Nov-2001	100-150	0.7	8	9.2	8.9	8.6
Cut-4 and Cut-5: from Green Daybeacon-13 to Green Daybeacon-17.	Nov-2001	100-150	0.4	8	7.8 (6)	7.8 (6)	8.1
Cut-6: from Green Daybeacon-17 to Red Daybeacon-18.	Nov-2001	100-215	1.8	8	8.2	8.0	8.3
Cut-8: from Red Daybeacon-18 to Green Daybeacon-21.	Nov-2001	100-240	0.4	8	8.0	7.8 (7)	7.6 (7)
Cut-9: from Green Daybeacon-21 to Red Daybeacon-24.	Nov-2001	100-240	0.2	8	6.8 (8)	8.3	8.6
Turning Basin: from Red Daybeacon-24 to south end Garrison Bight Basin.	Nov-2001	100-250	0.1	8	9.2	8.6	8.6
Key West Bight Channel: from intersection with Main Ship Channel south of Buoy-24 to east end of channel.	Nov-2001	150	0.6	12	18.2	16.3	14.8
Key West Bight Turning Basin	Nov-2001	125-300	0.1	12	13.5	14.5	14.4
ENG FORM 4021-R, NOV 90		EDITION OF JUL 59 IS OBSOLETE				(Proponent:CECW-OW)	

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		Width (feet)	Length (miles)	Depth (feet)			

Northwest Channel: From green Buoy-1 to green Buoy-9.	Nov-2001	Varies	2.1	17	*	13.7 (9)	*
From green Buoy-9 to red Daybeacon-12.	Nov-2001	Varies	2	17	*	17.4	*
From red Daybeacon-12 to red Daybeacon-16.	Nov-2001	Varies	2.5	17	*	17.9	*
From red Daybeacon-16 to Main Ship Channel.	Nov-2001	Varies	1.9	17	*	17.2	*

Remarks:

1. Slight shoaling along easterly side of channel from approximately 1,300 feet north of red Buoy-6 to red Buoy-8.
2. Slight shoaling along easterly side of channel from red Buoy-8, extending 550 feet northerly. Shoaling also located along the easterly side of channel from 3,300 feet north of red Buoy-8 to 1,000 feet south of green Buoy-9.
3. Spot shoaling located approximately 1,800 feet south of green Buoy-23.
4. Slight shoaling along northerly portion of Turning Basin adjacent to Cut-C.
5. Shoaling along the northwesterly edge and also along the south edge of Inner Turning Basin.
6. Minor spot shoaling located 450 feet south of red Daybeacon-16.
7. Shoaling along the southern edge of channel located 450 feet west of red Daybeacon-20, extending 300 feet easterly.
8. Spot shoaling located along easterly edge of channel approximately 450 feet south of red Daybeacon-22.
9. Shoaling located from red Buoy-2 to green Buoy-5.